SBR No. 77/18-19
DATED 10-12-18

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR No. 113/18-19

Dt. 10-12-18

1st & Final Bill

Date..... 2010

Division: **Electricals (Yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-006-18-000028**

Schedule Docket No. Head of Account : P –3290 14th Finance. D.R.No.

Name of Work. Providing Street Light and Electrical Accessories in Ward no 6.

Name of Contractor and Full Address:- M/s Technical Manager KRIDL BBMP Bengaluru.

Reference to Agreement No:EE/Ele/YZ/WO/000014/2018-19 Date:- 21-07-2018

Certified that the measurements were taken by me on 27/11/18 and recorded of Pages 256/28 to 6145 of measurement Book No. 2562/18-19 and that the work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 27/11/18 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer (Ele)
BBMP, Bangalore

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	Bill = 49,98,449=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 2% 99,969=00
3)	" Balance	Secst 1% 49,985=00
4)	Deduct Payment:	CGST 1% 49,985=00
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....	LWC 1% 49,985=00
	adjusted towards cash advance recovery of	CBFD 1% 4998=00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	FSD 7.5% 3,74,887=00
		Fine 1575=00
5)	Balance being unpaid value of work done held in reserve.	deductions 631381=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Cheque = 43,67,068=00
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No..... Dated

Cash Rs.....

Dated.....Initials of Officer making payme

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Stamp

ಲೆಕ್ಕಶೀರ್ಷಿಕ P3290 14 th Finance

ರೂ: 4998.449=00 ಮಾಡಿ ಪ್ರಿಡರಿಸಿದೆ

ರೂ: 43,67,068=00 ನೀಡಬಹುದಾಗಿದೆ

ರೂ: 631381=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

ಲೆಕ್ಕ ಅಧಿಕ್ಷೀಕರು

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ವಿ) ಯಲಹಂಕ ವಲಯ

Sl. No	Description of Item	Unit
	Name Of Work:- Providing Street Light and Electrical Accessories in Ward no 6.	
1	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II.LED Streetlight 65watts	Each
2	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	Each
3	Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 19904sq mm	Per Mtr
4	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable. 3.5 core 25 sqmm	Per Mtr
5	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Per Mtr
6	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)50X50X6 mm	mtr
7	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).	Per Mtr
8	1.1 KV.Pin Insulator	Each
9	No. 8 Strain Insulator	Each
10	2 Pin 45x45x5mm -510mm	Each
11	Fixing halogen/ metal hallide /SVL/IL/LED flood light fittings over existing pole/ wall ceiling including clamps bolts nuts and wiring using sitable capacity wires	Each
12	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Each
13	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Each
14	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Each
	Total Rs	
	Add KRIDL Charges 11%	
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		214	18720.00	4006080.00	214	4006080.00	
		204	893.00	182172.00	204	182172.00	
		497	7.50	3727.50	497	3727.50	
		149	165.00	24585.00	149	24585.00	
		149	10.80	1609.20	149	1609.20	
		10	263.00	2630.00	10	2630.00	
		2985	30.00	89550.00	2985	89550.00	
		50	44.00	2200.00	50	2200.00	
		75	14.00	1050.00	75	1050.00	
		109	306.00	33354.00	109	33354.00	
		98	176.00	17248.00	98	17248.00	
		22	2178.00	47916.00	22	47916.00	
		22	4044.00	88968.00	22	88968.00	
		98	20.59	2017.82	98	2017.82	
				4503107.52		4503107.52	
				495341.83		495341.83	
				4998449.35		4998449.35	